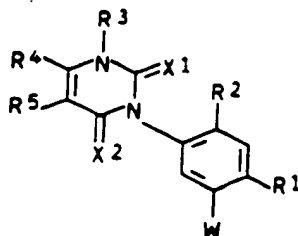
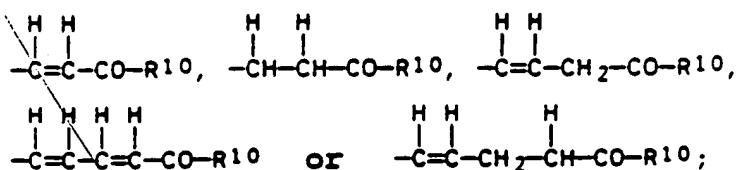


Abstract of the Disclosure: Substituted 3-phenyluracils
I



I

where X^1-X^4 are each O or S; W is unsubstituted or substituted $-CH=O$, $-CH=S$, $-CH=NH$, $-CH(X^3R^6)(X^4R^7)$,



R^6 and R^7 are each C_1-C_6 -alkyl, C_3-C_6 -alkenyl, C_3-C_6 -alkynyl or C_1-C_6 -alkoxy- C_1-C_6 -alkyl or together form a carbon chain;

R^{10} is H, OH, SH, an ether or thioether group, unsubstituted or substituted C_1-C_6 -alkyl, C_3-C_6 -alkenyl, C_3-C_6 -alkynyl, C_3-C_7 -cycloalkyl, unsubstituted or substituted amino or unsubstituted or substituted phenyl;

R^1 is halogen, CN, NO_2 or CF_3 ;

R^2 is H or halogen;

R^3 is H, C_1-C_6 -alkyl, C_3-C_6 -alkenyl, C_3-C_6 -alkynyl, C_3-C_8 -cycloalkyl, C_3-C_8 -cycloalkylcarbonyl, C_1-C_6 -cyanoalkyl, C_1-C_6 -haloalkyl, C_1-C_6 -alkoxy- C_1-C_6 -alkyl, CHO, C_1-C_6 -alkanoyl, C_1-C_6 -alkoxycarbonyl, C_1-C_6 -haloalkylcarbonyl, unsubstituted or substituted amino, unsubstituted or substituted phenyl or phenyl- C_1-C_6 -alkyl;

R^4 and R^5 are each H, CN, halogen, unsubstituted or substituted C_1-C_6 -alkyl, C_2-C_6 -alkenyl, C_2-C_6 -alkynyl, C_3-C_7 -cycloalkyl or unsubstituted or substituted phenyl;

R^5 may additionally be NO_2 , CHO, C_1-C_6 -alkylcarbonyl, C_1-C_6 -haloalkylcarbonyl, C_1-C_6 -alkoxycarbonyl or unsubstituted or substituted amino, or

R^4 and R^5 together form an unsubstituted or substituted

BEST AVAILABLE COPY

with the proviso that R^4 is not CF_3 , at the same time as R^5 is H when W is $-CH=CH-CO-R^{10}$ where R^{10} is C_1-C_6 -alkoxy or C_3-C_7 -cycloalkoxy,
and the salts and enol ethers of I in which R^3 is H,
are used for the desiccation and defoliation of plants
and as insecticides and herbicides.

BEST AVAILABLE COPY